



ISCC PLUS Certificate

Certificate Number: ISCC-PLUS-Cert-DE100-06730123

SGS Germany GmbH
Europa Allee 12, D-49685 Emstek
certifies that

Perstorp Oxo AB

Sanden 216
444 95 Ödsmål
SWEDEN

complies with the requirements of the certification system

ISCC PLUS

(International Sustainability and Carbon Certification)



Place of the audit:
see above

This certificate is valid from 21/12/2023 to 20/12/2024

The site of the system user is certified as:
specialty chemical plant, trader with storage

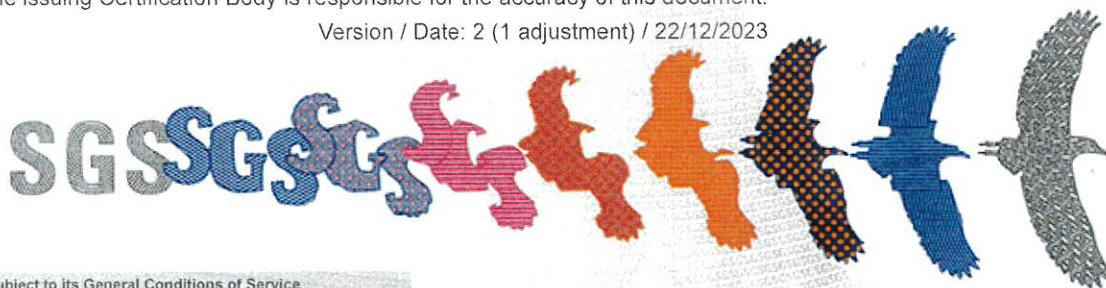
The scope of the certificate includes the following chain of custody options:
mass balance

Emstek, 20/12/2023
Place and date of issue


SGS Germany GmbH
Stamp, Signature

The issuing Certification Body is responsible for the accuracy of this document.

Version / Date: 2 (1 adjustment) / 22/12/2023



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Annex to the certificate:

Sustainable materials handled by the certified site

(This annex is applicable for all scopes except of Trader, Trader with storage, Warehouse, Logistic centres, MTBE and ETBE)

This annex is only valid in connection with the certificate:

ISCC-PLUS-Cert-DE100-06730123 issued on 20/12/2023

Input material	Output material	GHG values ¹	Raw material category ²	SAI/FSA ³	FEFAC ⁴
methane	butyraldehyde	205-01	bio, bio-circular		
propylene	butyraldehyde	205-01	bio, bio-circular, circular		
methane	propionaldehyde	205-01	bio, bio-circular		
ethylene	propionaldehyde	205-01	bio, bio-circular, circular		
methane	2-ethylhexanol	205-01	bio, bio-circular		
propylene	2-ethylhexanol	205-01	bio, bio-circular, circular		
methane	2-ethylhexanoic acid	205-01	bio, bio-circular		

1	ISCC PLUS add-ons (voluntary application, see www.iscc-system.org for further information): • 202-04: Food Security Standard • 205-01: GHG emission requirements • 205-02: Consumables • 205-03: Non GMO for food and feed • 205-04: Non GMO for technical markets
2	Bio raw materials complies with the ISCC Principles 1 – 6 for the cultivation and harvesting of sustainable biomass. Bio-circular and circular raw materials meet the ISCC definition of waste or residue, i.e. it was not intentionally produced and not intentionally modified, or contaminated, or discarded, to meet the definition of waste or residue. For circular raw materials, the voluntary information about PIR (post-industrial recycling) or PCR (post-consumer recycling) material can be stated in brackets.
3	Farm Sustainability Assessment (FSA) was developed by the Sustainable Agriculture Initiative (SAI) SAI Gold Compliance: ISCC Compliant can be claimed as "SAI FSA 3.0 Gold Level Equivalence"
4	FEFAC: European Feed Manufacturers' Federation. ISCC compliant materials can be claimed as "in line with FEFAC soy sourcing guidelines 2015"

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Input material	Output material	GHG values ¹	Raw material category ²	SAI/FSA ³	FEFAC ⁴
propylene	2-ethylhexanoic acid	205-01	bio, bio-circular, circular		
methane	2-propylheptanol	205-01	bio, bio-circular		
butene (1-butene, 2-butene)	2-propylheptanol	205-01	bio, bio-circular		
methane	phthalate esters (di(2-propylheptyl) phthalate)	205-01	bio, bio-circular		
butene (1-butene, 2-butene)	phthalate esters (di(2-propylheptyl) phthalate)	205-01	bio, bio-circular		
methane	oxo aldehydes (valeraldehyde)	205-01	bio, bio-circular		
butene (1-butene, 2-butene)	oxo aldehydes (valeraldehyde)	205-01	bio, bio-circular		
methane	carboxylic acid (valeric acid)	205-01	bio, bio-circular		
butene (1-butene, 2-butene)	carboxylic acid (valeric acid)	205-01	bio, bio-circular		

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Input material	Output material	GHG values ¹	Raw material category ²	SAI/FSA ³	FEFAC ⁴
methane	oxo aldehydes (2-ethylhexanal)	205-01	bio, bio-circular		
propylene	oxo aldehydes (2-ethylhexanal)	205-01	bio, bio-circular, circular		
methane	carboxylic acid (butyric acid)	205-01	bio, bio-circular		
propylene	carboxylic acid (butyric acid)	205-01	bio, bio-circular, circular		
methane	carboxylic acid (propionic acid)	205-01	bio, bio-circular		
ethylene	carboxylic acid (propionic acid)	205-01	bio, bio-circular, circular		
oxo aldehydes (3-methylhexanal)	carboxylic acid (isononanoic acid)	N/A	bio, bio-circular, circular		

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